

a.) Amendment to the Specification

Please replace Table 2 at page 66 with the following Table 2.

Table 2. Amino Acid Sequence Motifs Conserved in β 3Gal-T Family

	Motif 1	Motif 2	Motif 3
β 3Gal-T1	A ⁹⁹ IRETWG (SEQ. ID NO:26)	Y ¹⁷² VMKTDSD (SEQ. ID NO:27)	E ²⁶⁴ DVYVGLC (SEQ. ID NO:28)
β 3Gal-T2	A ¹⁶⁹ IRQTWG (SEQ. ID NO:29)	Y ²⁴⁷ VMKTDSD (SEQ. ID NO:30)	E ³⁴⁰ DVYVGIC (SEQ. ID NO:31)
β 3Gal-T3	A ⁹⁶ IRVTWG (SEQ. ID NO:32)	Y ¹⁷⁵ VMKTDTD (SEQ. ID NO:33)	E ²⁶⁶ DVYVGIC (SEQ. ID NO:34)
β 3Gal-T4	A ⁸⁹ IRASWG (SEQ. ID NO:35)	Y ¹⁷⁰ VLKTDDD (SEQ. ID NO:36)	E ²⁹⁰ DFYVGVS (SEQ. ID NO:37)

Please replace Table 4 at page 83 with the following Table 4.

Table 4. Exon/intron junctions of the β 3Gal-T5 chromosomal gene

Exon No.	Nucleotide sequence No. in SEQ ID NO:3	Length (bp)	Sequence of splice acceptor site	Sequence of splice donor site
exon1	5001-5273	273	-----	CTGTCACGgtatttcc (SEQ ID NO:38)
exon1'	5001-5140	140	-----	CCAAGCAGgtttctgg (SEQ ID NO:39)
exon2	5459-5567	109	ctctctagAGAACCCT (SEQ ID NO:40)	GTTTGGAGgtagggct (SEQ ID NO:41)
exon3	7427-7586	160	tttcctagTGATTCCT (SEQ ID NO:42)	AGCAAAAAgtgagta (SEQ ID NO:43)
exon4	8234-10562	2329	ccttcagATGGCTTT (SEQ ID NO:44)	